

Analogue Instruments Panel Indicators Saxon & Fiesta Series

Ref: IW012346 – Rev 5 – April 2008

Products Covered

012-**, 013-**, 014-** & 016-**

Installation

The product should be panel mounted using the mounting kit provided. Consideration should be given to the space required behind the unit to allow for bends in the connecting cables. Additional protection to the panel may be obtained by the use of an optional panel gasket. The terminals at the rear of the case should be protected from liquids. Units should be mounted in a reasonably stable ambient temperature.

The unit should not be mounted where it can be subjected to excessive direct sunlight and vibration should be kept to a minimum. Connection wires should be sized to comply with local regulations and should be terminated on to tags suitable for screw connection. The products do not have internal fuses therefore; external fuses **must** be used for safety protection under fault conditions.

Electromagnetic Compatibility (EMC) Installation Requirements

This product range has been designed to meet the certification requirements of the EU Directives when installed to a good code of practice for EMC in industrial environments. e.g.

1. Screen all leads. In the event of RF fields causing problems where screened leads can not be used, provision for fitting RF suppression components, such as ferrite absorbers, line filters etc., must be made. N.B. It is good practice to install sensitive electronic instruments that are performing critical functions, in EMC enclosures that protect against electrical interference causing a disturbance in function.
2. Avoid routing leads alongside cables and products that are, or could be, a source of interference.
3. To protect the product against permanent damage, surge transients must be limited to 2kV pk.
4. Electro Static Discharge (ESD) precautions must be taken at all times when handling this product.

For assistance on protection requirements please contact your local sales office.

Low Voltage Directive: This product complies with BSEN61010-1.

Saxon & Fiesta Series

Where models have different terminal markings all options are illustrated. Voltage circuits should be fused. When practical, instrument circuits should be earthed at one point. C.Ts must not be open circuited on load.

Indoor Use

Altitude up to 2000m or above 2000m if specified by the manufacturer.

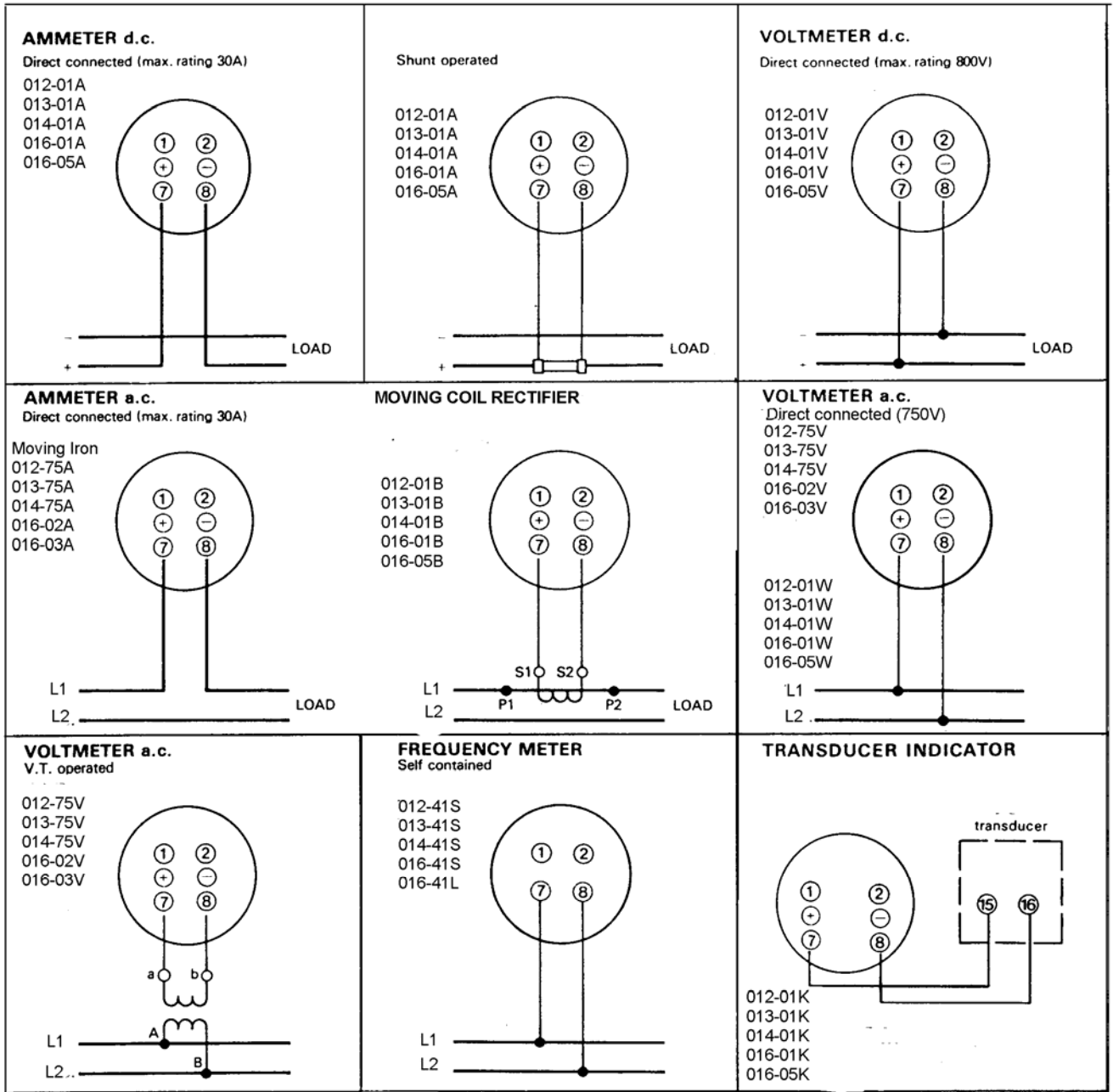
Temperature 0 to 40°C;
Maximum relative humidity 80% for temperatures up to 31°C decreasing linearly to 50% relative humidity at 40°C;

Mains supply voltage fluctuations not to exceed + 10% of the nominal voltage;

Other supply voltage fluctuations as stated by the manufacturer;

Transient overvoltages according to INSTALLATION CATEGORIES (OVERVOLTAGE CATEGORIES) I, II and III (see Annex J). For mains supply the minimum and normal category is II;

POLLUTION DEGREE 1 or 2 in accordance with IEC 664.



All of the above information, including drawings, illustrations and graphic designs, reflects our present understanding and is to the best of our knowledge and belief correct and reliable. Users, however, should independently evaluate the suitability of each product for the desired application. Under no circumstances does this constitute an assurance of any particular quality or performance. Such an assurance is only provided in the context of our product specifications or explicit contractual arrangements. Our liability for these products is set forth in our standard terms and conditions of sale.

Tyco Electronics UK Limited
Energy Division
Freebournes Road, Witham, Essex, CM8 3AH, UK

Phone: +44 (0)870 870 7500
Fax: +44 (0)870 240 5287
www.crompton-instruments.com